

IN THE SPECIFICATION:

Please delete the title and insert the following in its stead:
--NUCLEIC ACIDS WHICH CODE FOR THE ENZYME ACTIVITIES OF THE
SPINOSYN BIOSYNTHESIS--. A new Abstract page is included herewith.

After the title please insert the following:

--FIELD OF THE INVENTION --

Please insert the following on page 1, line 7:

--BACKGROUND OF THE INVENTION--

Please insert the following on page 3, line 9:

--DETAILED DESCRIPTION OF THE INVENTION--

IN THE CLAIMS:

Please cancel claims 6, 68 and 69 without prejudice.

Please amend the claims as follows:

1. (Amended) A nucleic acid comprising at least one region coding for an enzyme activity involved in the biosynthesis of spinosyn.
2. (Amended) The nucleic acid of Claim 1 comprising a single-stranded or double-stranded DNA or RNA.
3. (Amended) The nucleic acid of Claim 2 comprising a DNA fragment.
4. (Amended) The nucleic acid of Claim 3 comprising all regions coding for enzyme activities which are involved in biosynthesis of spinosyn.
5. (Amended) The nucleic acid of Claim 1 wherein said enzyme activity is selected from the group consisting of polyketide synthase, methyltransferase,